

USPTO Customer No. 25280

Case 5601

## AMENDMENT TO THE CLAIMS

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JUL 12 2008

1 - 9. (Cancelled)

10. (Currently amended) An airbag comprising:

a fabric substrate coated with a coating composition comprising

(a) a silicone polymer ~~having a first cohesion parameter~~, wherein said silicone polymer is crosslinked by at least one catalyst, and(b) a second polymer that is interdispersed within said silicone polymer, creating a plurality of semi-interpenetrating polymer networks in which said second polymer is trapped within said crosslinked silicone polymers, ~~wherein said second polymer has a second cohesion parameter,~~~~wherein the absolute difference between said first and said second cohesion parameters is no more than about 3 MPa<sup>1/2</sup>~~

wherein said second polymer is selected from the group consisting of polyethylene, polybutadiene, natural rubber, ethylene-vinyl acetate, EPDM, butyl rubber, styrene-butadiene copolymer, acrylonitrile-butadiene elastomer, isoprene elastomer, poly(isobutylene), poly(ethylmethacrylate), isobutylene-isoprene rubber, polychloroprene, ethylene propylene copolymer, chlorosulfonated polyethylene, and urethanes.

11. (Original) The airbag as recited in claim 10, wherein said catalyst is selected from the group consisting of platinum, palladium, cumyl peroxide, acyl peroxide, and benzoyl peroxide.

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12. (Original) The airbag as recited in claim 10, wherein said fabric substrate is woven.
13. (Cancelled)
14. (Cancelled)
15. (Original) The airbag as recited in claim 10, wherein said fabric substrate is knitted.
16. (Original) The airbag as recited in claim 10 wherein said fabric substrate is non-woven.
17. (Original) The airbag as recited in claim 10 wherein said fabric substrate is formed from the group consisting of natural fibers, synthetic fibers, and inorganic fibers.
18. (Cancelled)
19. (Cancelled)
20. (Cancelled)
21. (Cancelled)
22. (Cancelled)

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23. (New) The airbag as recited as Claim 10, wherein said second polymer is ethylene vinyl acetate.
24. (New) The airbag as recited as Claim 10, wherein said second polymer is EPDM.
25. (New) An airbag comprising:  
a fabric substrate coated with a coating composition comprising
- (a) a silicone polymer having a first cohesion parameter, wherein said silicone polymer is crosslinked by at least one catalyst, and
  - (b) a second polymer that is interdispersed within said silicone polymer, creating a plurality of semi-interpenetrating polymer networks in which said second polymer is trapped within said crosslinked silicone polymers,
- wherein said second polymer has a second cohesion parameter, said second cohesion parameter being between about 15 MPa<sup>1/2</sup> and about 17 MPa<sup>1/2</sup>.